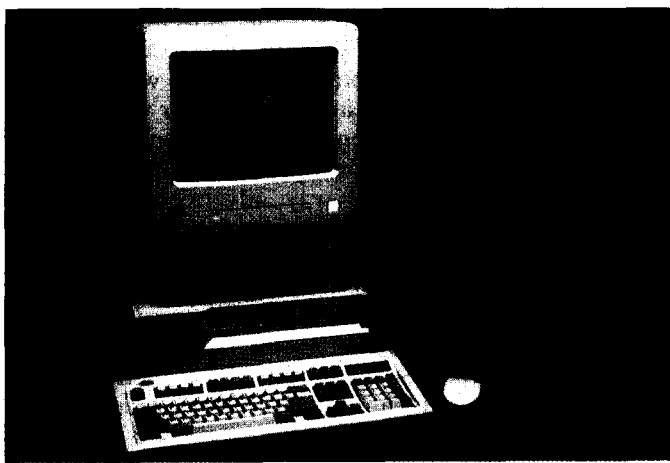


Mikron IR imager



A thermal imaging pyrometer released by the Mikron Instrument Co. Inc. of Wyckoff, NJ, USA: the M9000 Pyrovision, uses a patented, solid-state detector array camera and is "the first, and only instrument to obtain and quantitate thermal images from the near-IR range of 0.8 to 1.0 μm measuring temperatures between 500°C and 3000°C." This is said to greatly reduce the impact of emissivity errors compared with competing units which operate in the 3-5 or 8-13 micron range. It also means that standard lens materials can be used to view high temperature

processes through glass or quartz ports. The pyrometer is modular and can be supplied to suit varying client needs and budgets. It can be customized to user requirements and supplied as a turnkey system. Various lenses are available including fish-eye and wide angle which allow for full view within furnaces and provide temperature measurement over the entire image.

■ **Contact:** Mikron Instrument Co. Inc., Douglas Frank, 445 W. Main Street, Wyckoff, NJ 07481, USA. Tel/fax: [1] (201) 891-7330/1205.

Megatech Micropole 1 AMU resolution

Megatech Ltd has introduced a new miniature high pressure gas analyser to complement its existing range of micropoles. Manufactured by US-based Ferran Scientific and designated the MPA-565C it has a resolution of better than 1 amu in the mass range 2-65 amu at pressures up to 5 mtorr. New Windows-based software gives enhanced display features and user friendly operation.

This Micropole is the only RGA capable of operating at millitorr pressures without the need for additional pumps. This feature, coupled with its small size makes it ideal for sputtering, ion beam and other process monitoring applications.

■ **Contact:** David Coleman, Megatech Ltd, 8 Kingscroft Court, Ridgeway, Havant PO91LS, UK. Tel/fax: [44] (0)1705-472868/470876.

AP&T Distributes Muegge Products

Muegge, one of the leading manufacturers of industrial microwave components in the range 915 MHz to 2.45 GHz has recently appointed AP&T Ltd as an exclusive agency for its product range. Muegge is oriented towards the development, design, manufacture and testing of innovative products and high quality industrial microwave components for a wide range of applications in the heating, drying and plasma industries. Located near Frankfurt in Germany, Muegge chose AP&T as its agent because of "AP&T's European distribution capabilities and reputation for delivering high quality and novel products based on the latest technology. With offices in the UK, Germany,

Italy, France and Spain, AP&T is able to offer service and support throughout the world".

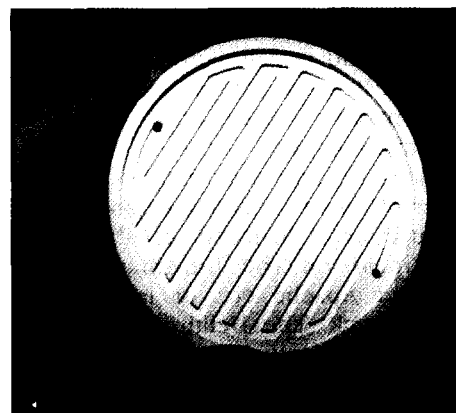
AP&T is a subsidiary of Ferrofluidics Corp, the American company who pioneered magnetic liquid technology. AP&T's presence throughout Europe has allowed the semiconductor industry to take full advantage of Ferrofluidic technology as well as products from manufacturers such as Hüttinger, Magtron, PlasmaConsult and Polycold. Please note new address below.

■ **Contact:** Mike Glossop, AP&T Ltd, The Talisman Business Centre, Bicester, Oxon OX6 0JX, UK. Tel/fax: [44] (0)1869 363200/201.

Aremcolox thin-film heater

The Aremcolox 502-1550 an advanced low expansion machinable ceramic zirconium phosphate available from Aremco Products Inc., is now used to produce a unique heater platen design used in thin-film CVD equipment to 2800°F. This ceramic has CTE of .005 in/in°F x 10⁻⁶ which guarantees exceptionally high thermal shock resistance.

Aremcolox 502-1550 also exhibits a compression strength of 60 kpsi, dielectric strength of 150 volts/mil, and thermal



conductivity of 6.0 Btu-in/hr-ft²-°F. Aremcolox 502-1550 does not outgas in a vacuum and is resistant to most molten metals and salts, and is available in a range of sizes.

■ **Contact:** Peter Schwartz, tel/fax: [1] (914) 762-0685/1663.